



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|------------------------|-----------------------|------------------------|
| 08/994,831         | 12/19/1997             | ILEANA A. LEUCA       | CASE13-8               |

54499  
WOODCOCK & WASHBURN LLP  
ONE LIBERTY PLACE  
46TH FLOOR  
PHILADELPHIA, PA 19103

CONFIRMATION NO. 7103



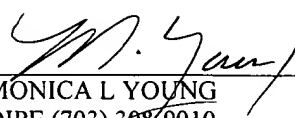
\*OC000000018662464\*

Date Mailed: 05/02/2006

**NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY**

This is in response to the Power of Attorney filed 05/01/2006.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

  
\_\_\_\_\_  
MONICA L YOUNG  
OIPE (703) 308-9010

OFFICE COPY



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|------------------------|-----------------------|------------------------|
| 08/994,831         | 12/19/1997             | ILEANA A. LEUCA       | CASE13-8               |

30083  
PERKINS COIE LLP/AWS  
P.O. BOX 1247  
SEATTLE, WA 98111-1247

CONFIRMATION NO. 7103



\*OC000000018662446\*

Date Mailed: 05/02/2006

## NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 05/01/2006.

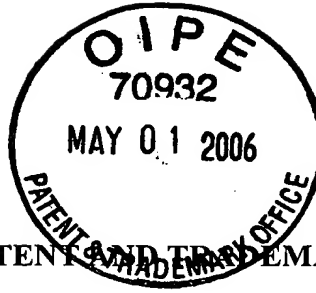
- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

---

MONICA L YOUNG  
OIPE (703) 308-9010

OFFICE COPY

DOCKET NO.: CING-0337/405.US



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

**Ileana A. Leuca, Wen-Ping Ying**

**Application No.: 08/994,831**

**Filing Date: December 19, 1997**

**For: METHODS AND SYSTEMS FOR MANAGING THE ROUTING OF  
PACKETS OVER A HYBRID COMMUNICATION NETWORK**

**Confirmation No.: 7103**

**Group Art Unit: 2616**

**Examiner: Melanie Jagannathan**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER TO INSPECT AND MAKE COPIES**

The undersigned is the Attorney or agent of record registration no 35,429 hereby authorizes Mary I. Watson and Christina Mraz to inspect, monitor and make copies of the file history of the above-identified application.

Respectfully submitted,

Christopher M. Arena  
Registration No. 35,429

Date: April 24, 2006

Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

DOCKET NO.: CING-0337/405.US



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

**Ileana A. Leuca, Wen-Ping Ying**

**Confirmation No: 7103**

**Application No: 08/994,831**

**Filing Date: December 19, 1997**

**For: METHODS AND SYSTEMS FOR MANAGING THE ROUTING OF  
PACKETS OVER A HYBRID COMMUNICATION NETWORK**

**VIA HAND DELIVERY**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**STATEMENT UNDER 37 CFR § 3.73(b)**

Cingular Wireless, II, LLC, a limited liability company

states that it is:

☒ the assignee of the entire right, title, and interest; or

☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above.

☐ 1. The assignment was recorded in the Patent and Trademark Office at Reel  
, Frame(s)

☐ 2. The assignment has not yet been recorded. A copy of the assignment is  
attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above,  
to the current assignee as shown below:

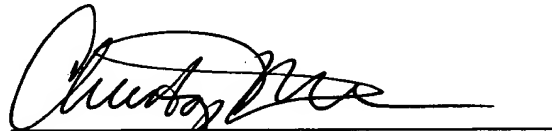
- i. From: **Ileana A. Leuca and Wen-Ping Ying** To: **AT&T Corp.** . The  
document was sent to the United States Patent and Trademark Office for  
recordation on December 19, 1997. A copy thereof is attached

- ii. **From: New Cingular Wireless Services, Inc. (f/k/a AT&T Wireless Services, Inc.) To: Cingular Wireless, II, LLC.** The document was sent to the United States Patent and Trademark Office for recordation on September 27, 2005. A copy thereof is attached

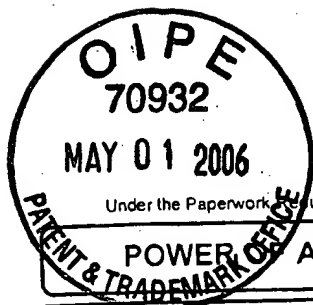
- ☒ Additional documents in the chain of title are listed on a supplemental sheet.
- ☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: April 21, 2006

  
Signature  
Name: Christopher M. Arena  
Reg. No.: 35,429

Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439



PTO/SB/80 (04-05)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

**54499**

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

| Name | Registration Number | Name | Registration Number |
|------|---------------------|------|---------------------|
|      |                     |      |                     |
|      |                     |      |                     |
|      |                     |      |                     |
|      |                     |      |                     |
|      |                     |      |                     |
|      |                     |      |                     |

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:

OR

|  |       |     |       |
|--|-------|-----|-------|
| <input type="checkbox"/> Firm or Individual Name |       |     |       |
| Address  |       |     |       |
| City   | State | Zip |       |
| Country  |       |     |       |
| Telephone  |       |     | Email |

Assignee Name and Address:

Cingular Wireless, II, LLC  
5565 Glenridge Connector  
Atlanta, Georgia 30342

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

|           |  |           |                   |
|-----------|--|-----------|-------------------|
| Signature |  | Date      | February 21, 2006 |
| Name      | Carol Tacker   | Telephone |                   |
| Title     | Vice President, Assistant General Counsel, Corporate Secretary |           |                   |

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(s):

1. Ileana A. Leuca
2. Wen-Ping Ying

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 1. 12/15/97 2. 12/15/97

2. Name and address of receiving party(ies):

Name: **AT&T Wireless Services, Inc.**

Internal Address: \_\_\_\_\_

Street Address: **5000 Carillon Point**

City: **Kirkland** State: **WA** Zip: **98033**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is December 19, 1997.

A. Patent Application No.(s)

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **AT&T Corp.**

Street Address: **P. O. Box 4110**

City: **Middletown**, State: **New Jersey**, Zip: **07748**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41) **\$40.00**

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: **01-2745**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**Samuel H. Dworesky - Reg. No. 27873**

Name of Person Signing

Signature

**December 19, 1997**

Date

Total number of pages including cover sheet, attachments, and document: **4**

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D. C. 20231

## ASSIGNMENT AND AGREEMENT

For value received, we, Ileana A. Leuca, of Bellevue in the County of King and State of Washington, and Wen-Ping Ying, of Bellevue in the County of King and State of Washington, hereby sell, assign and transfer to AT&T Wireless Services, Inc., a corporation of the State of Delaware, having an office at 5000 Carillon Point, Kirkland, Washington 98033, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Methods And Systems For Managing The Routing Of Packets Over A Hybrid Network** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Wireless Services, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Wireless Services, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Wireless Services, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Wireless Services, Inc. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Wireless Services, Inc. may designate.



I.A. Leuca 13-8

We agree that, when requested, we shall, without charge to AT&T Wireless Services, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Ileana A. Leuca

Ileana A. Leuca

Date: Dec. 15, 1997

United States of America )

State of Washington ) ss.:

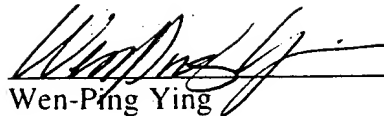
County of King )



On this 15<sup>th</sup> day of December, 1997, before me personally came Ileana A. Leuca, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]  
Notary Public

I.A. Leuca 13-8

  
Wen-Ping Ying


Date: 12/15/97

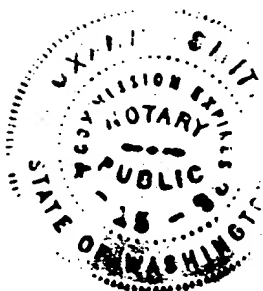
United States of America )

State of Washington ) ss.:

County of King )

On this 15<sup>th</sup> day of December, 19 97, before me personally came Wen-Ping Ying, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

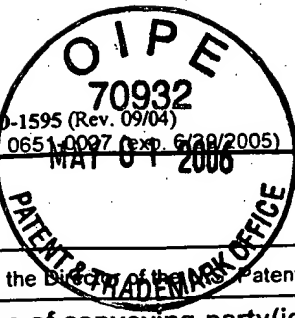
  
Notary Public



AT&T Wireless Services, Inc.  
P. O. Box 4110  
Middletown, New Jersey 07748

Form PT 0-1595 (Rev. 09/04)  
OMB No. 0651-0097 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



# RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies)/Execution Date(s):

AT&T Wireless Services, Inc.

Execution Date(s) 5/26/2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

## 2. Name and address of receiving party(ies)

Name: Cingular Wireless II, Inc.

Internal Address: Suite 1700

Street Address: 5565 Glenridge Conn.

City: Atlanta

State: Georgia

Country: USA Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

See Attached Sheets

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

## 5. Name and address to whom correspondence concerning document should be mailed:

Name: Cingular Wireless, LLC

Internal Address: Attn: Linda Giles; #1725A

Street Address: 5565 Glenridge Connector

City: Atlanta

State: Georgia Zip: 30066

Phone Number: (404) 236-6720

Fax Number: \_\_\_\_\_

Email Address: linda.giles@cingular.com

## 6. Total number of applications and patents involved: 33

## 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 1320.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-2450

Authorized User Name Coulter C. Henry

## 9. Signature: Coulter C. Henry

5/26/2005

Date

Signature

Coulter C. Henry; Reg. No.: 51,121

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Patent Applications Subject to Assignment  
Cingular Wireless II, Inc.  
May 26, 2005

|                          |            |
|--------------------------|------------|
| 10/965,466               | 10/937,300 |
| 11/000,353               | 11/017,787 |
| 11/105,049               | 11/036,159 |
| 11/054,695               |            |
| 10/933,677               |            |
| 11/097,459               |            |
| 10/929,732               |            |
| 29/213,592               |            |
| 10/990,106               |            |
| 10/990,111               |            |
| 10/990,105               |            |
| 10/950,034               |            |
| 10/989,710               |            |
| 10/940,576               |            |
| 10/939,103               |            |
| 10/959,553               |            |
| 10/990,635               |            |
| 11/087,390               |            |
| 10/943,500               |            |
| 11/058,103               |            |
| 11/051,493               |            |
| 11/022,048               |            |
| 11/018,780               |            |
| 10/963,838               |            |
| 11/065,971               |            |
| 10/984,618               |            |
| 11/092,511               |            |
| 11/092,199               |            |
| 10/938,569 - CING - 0049 |            |
| 10/939,366               |            |

**SECOND AMENDMENT TO PATENT ASSIGNMENT AGREEMENT**

This Second Amendment To - PATENT ASSIGNMENT AGREEMENT is made this 26<sup>th</sup> day of May, 2005 and is added to and amends the PATENT ASSIGNMENT AGREEMENT by and between New Cingular Wireless Services, Inc., a Delaware corporation ("Assignor") f/k/a AT&T Wireless Services, Inc. as ASSIGNOR and Cingular Wireless II, Inc., a Delaware corporation as ASSIGNEE, which the Patent Assignment Agreement is dated the 27<sup>th</sup> day of October, 2004.

Schedule A is hereby amended in accordance with the attached additions.

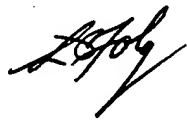
All other provisions in the Patent Assignment Agreement and Schedule A shall remain unchanged and in full force and effect.

*[signatures on following pages]*

Executed this 26th day of May, 2005.

Assignor: New Cingular Wireless Services, Inc. f/k/a  
AT&T Wireless Services, Inc.

By:  
Name:  
Title:



Sean Foley  
Vice President, Treasurer and Corporate Development



STATE OF Georgia  
COUNTY OF Gulton

On this 26<sup>th</sup> day of May, 2005, before me, a Notary Public in and for the State and County foresaid, personally appeared Sean Foley known by me to be the person above named and an officer of New Cingular Wireless Services, Inc., duly authorized to execute this Assignment Agreement on behalf of New Cingular Wireless Services, Inc., who signed and executed the foregoing instrument on behalf of New Cingular Wireless Services, Inc.

Notary Public My Commission Expires:



Notary Public, Cobb County, Georgia  
My Commission Expires March 16, 2008

Acknowledged this 26th day of May, 2005.

Assignee: CINGULAR WIRELESS II, INC.

By:  
Name:  
Title:



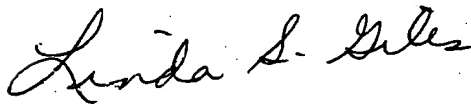
Sean Foley  
Vice President, Treasurer and Corporate Development



STATE OF Georgia  
COUNTY OF Fulton

On this <sup>26<sup>th</sup> LG</sup> 13<sup>th</sup> day of May, 2005, before me, a Notary Public in and for the State and County foresaid, personally appeared Sean Foley known by me to be the person above named and an officer of Cingular Wireless II, Inc., duly authorized to execute this Assignment Agreement on behalf of Cingular Wireless II, Inc., who signed and executed the foregoing instrument on behalf of Cingular Wireless II, Inc.

Notary Public My Commission Expires:



Notary Public, Cobb County, Georgia  
My Commission Expires March 16, 2008

Schedule A (2<sup>nd</sup> Revision)

| Docket Number | Application Number | Patent Number | Owner         | Country Name | Application Date | Grant Date | Title   |
|---------------|--------------------|---------------|---------------|--------------|------------------|------------|---|
| 917.US        | 10/965,466         |               | AT&T Wireless | USA          | 10/13/2004       |            | Adjusting Link Layer Control Frame to Facilitate Data Throughput                              |
| 504.US.C1     | 11/000,353         |               | AT&T Wireless | USA          | 11/29/2004       |            | A Method for Programming a Mobile Station Using a Permanent Mobile Station Identifier         |
| 606.US.CP1(1) | 11/105,049         |               | AT&T Wireless | USA          | 4/11/2005        |            | Secure Online Purchasing  |
| 883.US        | 11/054,695         |               | AT&T Wireless | USA          | 2/10/2005        |            | System and Method for a Telecommunications Network  |
| 929.US        | 10/933,677         |               | AT&T Wireless | USA          | 9/03/2004        |            | System and Method for Data Organization and Display in an Instant-messaging Interface         |
| 782.USC1      | 11/097,459         |               | AT&T Wireless | USA          | 4/01/2005        |            | Adaptive Dual-polarization Communication of Orthogonal Frequency Division Multiplexed Signals |
| 755.US1       | 10/929,732         |               | AT&T Wireless | USA          | 8/30/2004        |            | System and method for Data Scrambling to Reduce the Crest Factor in an OFDM Waveform          |
| 936.US        | 29/213,592         |               | AT&T Wireless | USA          | 20-Sep-2004      |            | MOBILE COMMUNICATIONS DEVICE  |
| 896.US        | 10/990,106         |               | AT&T Wireless | USA          | 15-Nov-2004      |            | SUBSCRIBER IDENTITY MODULE WITH VIDEO PERMISSIONS   |
| 896.US.D1     | 10/990,111         |               | AT&T Wireless | USA          | 15-Nov-2004      |            | PERSONAL BASE STATION WITH WIRELESS VIDEO CAPABILITY  |



Schedule A (2<sup>nd</sup> Revision)

| Docket Number | Application Number | Patent Number | Owner         | Country Name | Application Date | Grant Date | Title   |
|---------------|--------------------|---------------|---------------|--------------|------------------|------------|---|
| 863.US        | 10/990,105         |               | AT&T Wireless | USA          | 15-Nov-2004      |            | METHOD, SYSTEMS AND APPARATUS FOR PROVIDING WIRELESS IDENTIFICATION TO STANDARD TELEPHONE                   |
| 886.US        | 10/950,034         |               | AT&T Wireless | USA          | 24-Sep-2004      |            | A STANDARDS-BASED TERMINAL LOCATION SERVER SOLUTION FOR LOCATION APPLICATIONS                               |
| 893.US        | 10/989,710         |               | AT&T Wireless | USA          | 15-Nov-2004      |            | OVER THE AIR PROGRAMMING/ACTIVATION FOR SIM ENABLED DATA DEVICE   |
| 930.US        | 10/940,576         |               | AT&T Wireless | USA          | 14-Sep-2004      |            | DEDICATED WIRELESS DEVICE BUSINESS MODEL  |
| 931.US        | 10/939,103         |               | AT&T Wireless | USA          | 10-Sep-2004      |            | ALWAYS ON MOBILE IM / MESSAGING CENTRIC WIRELESS DEVICE   |
| 924.US        | 10/959,553         |               | AT&T Wireless | USA          | 06-Oct-2004      |            | IMPROVING VOICE QUALITY BASED ON CUSTOMER FEEDBACK  |
| 939.US        | 10/990,635         |               | AT&T Wireless | USA          | 17-Nov-2004      |            | Method and System for Providing Location Information for emergency Services                                 |
| 156.US.020(3) | 11/087,390         |               | AT&T Wireless | USA          | 3/22/2005        |            | Cyclic Trellis Coded Modulation Methods and Systems for Communicating and Controlling Facsimile Information |
| 490.US.C1     | 10/943,500         |               | AT&T Wireless | USA          | 9/17/2004        |            | System and Method for Providing an Adapter Module   |
| 577.US.C1     | 11/058,103         |               | AT&T Wireless | USA          | 2/14/2005        |            | System and Method for Providing an Adapter module   |
| 577.US1       | 11/051,493         |               | AT&T Wireless | USA          | 2/4/2005         |            | Method for Frequency Division Duplex Communications   |
| 702.US.C1(2)  | 11/022,048         |               | AT&T Wireless | USA          | 12/22/2004       |            | Low complexity Maximum Likelihood Detection of Concatenate space Codes for Wireless Applications            |
| 731.US.D1C2   | 11/018,780         |               | AT&T Wireless | USA          | 12/21/2004       |            |   |

Schedule A (2<sup>nd</sup> Revision)

| Docket Number | Application Number | Patent Number | Owner         | Country Name | Application Date | Grant Date | Title   |
|---------------|--------------------|---------------|---------------|--------------|------------------|------------|---|
| 735.US.C1(1)  | 10/963,838         |               | AT&T Wireless | USA          | 10/12/2004       |            | Maximum Ratio Transmission System and Method for Providing Location-based Services in a Wireless Network, Such as Providing Notification Regarding Meetings, Destination Arrivals, and the Like |
| 890.US        | 11/065,971         |               | AT&T Wireless | USA          | 2/24/2005        |            | System for Providing Location-based Services in a Wireless Network, Such as Locating Sets of Desired Locations Using Emoticons, Such as for Wireless Devices                                    |
| 895.US.C1     | 10/984,618         |               | AT&T Wireless | USA          | 11/08/2004       |            | Customer Service Messaging, Such as on Mobile Devices   |
| 927.US.C1     | 11/092,511         |               | AT&T Wireless | USA          | 3/28/2005        |            | Method and System for controlling the Operation of Movable Wireless Networks  |
| 928.US.C1     | 11/092,199         |               | AT&T Wireless | USA          | 3/28/2005        |            | Method for Location-Based Asset Management  |
| 908.US        | 10/938,569         |               | AT&T Wireless | USA          | 9/13/2004        |            | Method and System for Providing Data Communication with a Mobile Station  |
| 733.US.C1     | 10/939,366         |               | AT&T Wireless | USA          | 9/14/2004        |            |   |
| 333.US.C1(1)  | 10/937,300         |               | AT&T Wireless | USA          | 9/10/2004        |            |   |
| 422.US.C1     | 11/017,787         |               | AT&T Wireless | USA          | 12/22/2004       |            | Integrated Number- Phase 1  |
| 301.US.C1(1)  | 11/036,159         |               | AT&T Wireless | USA          | 1/18/2005        |            | Method and Apparatus for Message Transmission Verification  |

## Supporting Documentation Showing Evidence of Chain of Title for Patent Applications

The following documents represent evidence of the chain of title of all AT&T Wireless application to Cingular Wireless II, LLC.

- 1) **New Cingular Wireless Services, Inc. Secretary Certificate** signed by Caroline Wilder, Assistant Secretary. This document certifies the following:
  - a) Agreement and Plan of Merger was entered into by AT&T Wireless Services, Inc. (ATTW), Cingular Wireless Corporation, Cingular Wireless, LLC and Links I Corporation whereby ATTW would be merged in to Links I. Whereby ATTW would be the survivor of the merger.
  - b) A true and correct copy of the Certificate of merger filed with the Delaware Secretary of State is attached and remains in effect.
  - c) As a result of the merger, ATTW becomes a wholly owned subsidiary of Cingular Wireless, LLC.
  - d) The name of ATTW was changed to New Cingular Wireless Services, Inc. on 10/24/2004.
  - e) A true and correct copy of the name change of ATTW is attached and remains in effect.
- 2) A true and correct copy of the Certificate of Merger filed with the Delaware Secretary of State.
- 3) A true and correct copy of the name change of ATTW.
- 4) A true and correct copy of the Certificate of Conversion showing change of status of CWII, Inc to CWII, LLC.

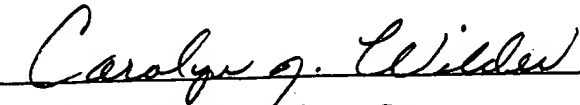
**NEW CINGULAR WIRELESS SERVICES, INC.**

**SECRETARY'S CERTIFICATE**

I, Carolyn J. Wilder, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of New Cingular Wireless Services, Inc., a Delaware corporation, and as such I am authorized to execute this certificate. In such capacity, I further certify that:

1. An Agreement and Plan of Merger (the "Agreement") dated as of February 17, 2004 was entered into by and among AT&T Wireless Services, Inc., Cingular Wireless Corporation, Cingular Wireless LLC and Links I Corporation, a wholly-owned subsidiary of Cingular whereby AT&T Wireless Services, Inc. would be merged into Links I Corporation upon the terms and conditions of the Agreement, and AT&T Wireless Services, Inc. would be the survivor of the merger.
2. The merger of AT&T Wireless Services, Inc. into Links I Corporation was consummated on October 26, 2004.
3. The attached Exhibit "A" is a true and correct copy of the Certificate of Merger filed with the Delaware Secretary of State and that said Certificate of Merger remains in full force and effect on the date hereof.
4. As a result of the consummation of the merger, AT&T Wireless Services, Inc. became a wholly-owned subsidiary of Cingular Wireless LLC.
5. The name of AT&T Wireless Services, Inc. was changed to New Cingular Wireless Services, Inc. on October 26, 2004.
6. The attached Exhibit "B" is a true and correct copy of the Certificate of Amendment to The Certificate of Incorporation of AT&T Wireless Services, Inc. changing the name of the corporation to New Cingular Wireless Services, Inc. as filed with the Delaware Secretary of State and that said Certificate of Amendment to The Certificate of Incorporation remains in full force and effect on the date hereof.

**IN WITNESS WHEREOF**, I have subscribed my name as Assistant Secretary of the Company this 11<sup>th</sup> day of May, 2005.

  
Carolyn J. Wilder, Assistant Secretary

# Delaware

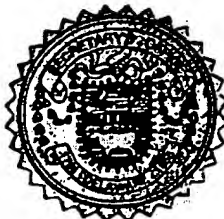
PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"LINKS I CORPORATION", A DELAWARE CORPORATION,  
WITH AND INTO "AT&T WIRELESS SERVICES, INC." UNDER THE NAME OF "AT&T WIRELESS SERVICES, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SIXTH DAY OF OCTOBER, A.D. 2004, AT 10:11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2131363 8100M  
040725208

*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3434252

DATE: 10-26-04

**SEVENTH:** This certificate of merger shall be effective upon its filing with the Secretary of State of the State of Delaware.

**IN WITNESS WHEREOF,** this Certificate of Merger has been executed by the undersigned, a duly authorized officer of the Surviving Corporation, on behalf of the Surviving Corporation as of the 24th day of October, 2004.

**AT&T WIRELESS SERVICES, INC.**

By: \_\_\_\_\_

Name: John D. Zappis

Title: Chief Executive Officer

SEVENTH. Any action required or permitted to be taken by the holders of Common Stock of the corporation, including but not limited to the election of directors, may be taken by written consent or consents but only if such consent or consents are signed by all holders of Common Stock.

EIGHTH. A director of the corporation shall not be liable to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except to the extent that such exemption from liability or limitation thereof is not permitted under the Delaware General Corporation Law as currently in effect or as the same may hereafter be amended. No amendment, modification or repeal of this Article EIGHTH shall adversely affect any right or protection of a director that exists at the time of such amendment, modification or repeal.

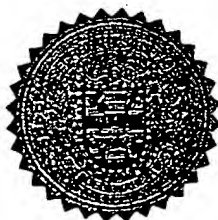
# Delaware

PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "AT&T WIRELESS SERVICES, INC.", CHANGING ITS NAME FROM "AT&T WIRELESS SERVICES, INC." TO "NEW CINGULAR WIRELESS SERVICES, INC.", FILED IN THIS OFFICE ON THE TWENTY-SIXTH DAY OF OCTOBER, A.D. 2004, AT 11:01 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2131363 8100

040770545

*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3434831

DATE: 10-26-04



State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 11:23 AM 10/26/2004  
FILED 11:01 AM 10/26/2004  
SRV 040770545 - 2131363 FILE

**CERTIFICATE OF AMENDMENT  
TO THE  
CERTIFICATE OF INCORPORATION  
OF  
AT&T WIRELESS SERVICES, INC.**

AT&T Wireless Services, Inc., a corporation organized and existing under and by virtue of the Delaware General Corporation Law (the "Corporation"), does hereby certify:

**FIRST:** That on October 26, 2004, the Board of Directors of the Corporation adopted resolutions setting forth a proposed amendment to the Certificate of Incorporation of the Corporation, declaring said amendment to be advisable and submitting the proposed amendment to the sole stockholder of the Corporation for its consideration and approval. The proposed amendment is as follows:

NOW, THEREFORE, BE IT RESOLVED, that the Certificate of Incorporation of the Corporation be amended by deleting the first paragraph in its entirety and replacing it with a new first paragraph to read as follows:

"FIRST. The name of the corporation is New Cingular Wireless Services, Inc."

**SECOND:** That thereafter on October 26, 2004, said amendment was duly adopted by written consent of the sole stockholder of the Corporation in accordance with the provisions of Sections 228 and 242 of the Delaware General Corporation Law.

*[Signature on following page]*

IN WITNESS WHEREOF, AT&T Wireless Services, Inc. has caused this Certificate of Amendment to be signed by a duly authorized officer this 26<sup>th</sup> day of October, 2004.

AT&T WIRELESS SERVICES, INC.

By: Carolyn J. Wilder  
Name: Carolyn J. Wilder  
Title: Assistant Secretary

# Delaware

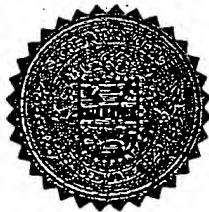
PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "CINGULAR WIRELESS II, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "CINGULAR WIRELESS II, INC." TO "CINGULAR WIRELESS II, LLC", FILED IN THIS OFFICE ON THE TWENTY-SEVENTH DAY OF OCTOBER, A.D. 2004, AT 10:27 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE TWENTY-SEVENTH DAY OF OCTOBER, A.D. 2004, AT 8:45 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



3858251 8100V

040774599

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3437873

DATE: 10-27-04

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 10:47 AM 10/27/2004  
FILED 10:27 AM 10/27/2004  
SRV 040774599 - 3858251 FILE

**CERTIFICATE OF CONVERSION OF  
CINGULAR WIRELESS II, INC.  
TO BECOME A LIMITED LIABILITY COMPANY**

Pursuant to the provisions of Section 266 of the Delaware General Corporation Law and Section 18-214 of the Delaware Limited Liability Company Act, Cingular Wireless II, Inc., a Delaware corporation (the "Corporation"), submits the following Certificate of Conversion:

1. The name of the Corporation is Cingular Wireless II, Inc.
2. The date on which the Corporation's original Certificate of Incorporation was filed with the Secretary of State is September 22, 2004.
3. The name of the limited liability company into which the Corporation is being converted is Cingular Wireless II, LLC.
4. The conversion has been approved by written consent of the sole stockholder of the Corporation pursuant to Section 228 of the Delaware General Corporation Law in accordance with the provisions of Section 266 of the Delaware General Corporation Law.
5. The conversion shall be effective at 8:45 p.m. EDT on October 27, 2004.

*[Signature on following page]*

IN WITNESS WHEREOF, Cingular Wireless II, Inc. has caused this Certificate of Conversion to be executed by a duly authorized officer this 27<sup>th</sup> day of October, 2004.

CINGULAR WIRELESS II, INC.

By: Carolyn J. Wilder  
Name: Carolyn J. Wilder  
Title: Assistant Secretary

# Delaware

PAGE 2

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "CINGULAR WIRELESS II, LLC" FILED IN THIS OFFICE ON THE TWENTY-SEVENTH DAY OF OCTOBER, A.D. 2004, AT 10:27 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE TWENTY-SEVENTH DAY OF OCTOBER, A.D. 2004, AT 8:45 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



3858251 8100V

040774599

*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3437873

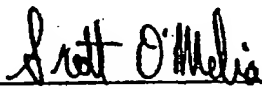
DATE: 10-27-04

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 10:47 AM 10/27/2004  
FILED 10:27 AM 10/27/2004  
SRV 040774599 - 3858251 FILE

**CERTIFICATE OF FORMATION  
OF  
CINGULAR WIRELESS II, LLC**

1. The name of the limited liability company is Cingular Wireless II, LLC.
2. The address of its registered office in the state of Delaware is Corporation Trust Center, 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.
3. This Certificate of Formation shall be effective at 8:45 p.m. EDT on October 27, 2004.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation of Cingular Wireless II, LLC this 27<sup>th</sup> day of October, 2004.

  
\_\_\_\_\_  
Scott L. O'Melia  
An Authorized Person